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PATENT ABSTRACTS OF JAPAN

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(71) Applicant: MITSUBISHI ELECTRIC CORP

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publication: 30.03.01(72) Inventor: AIKAWA TAKEYUKI
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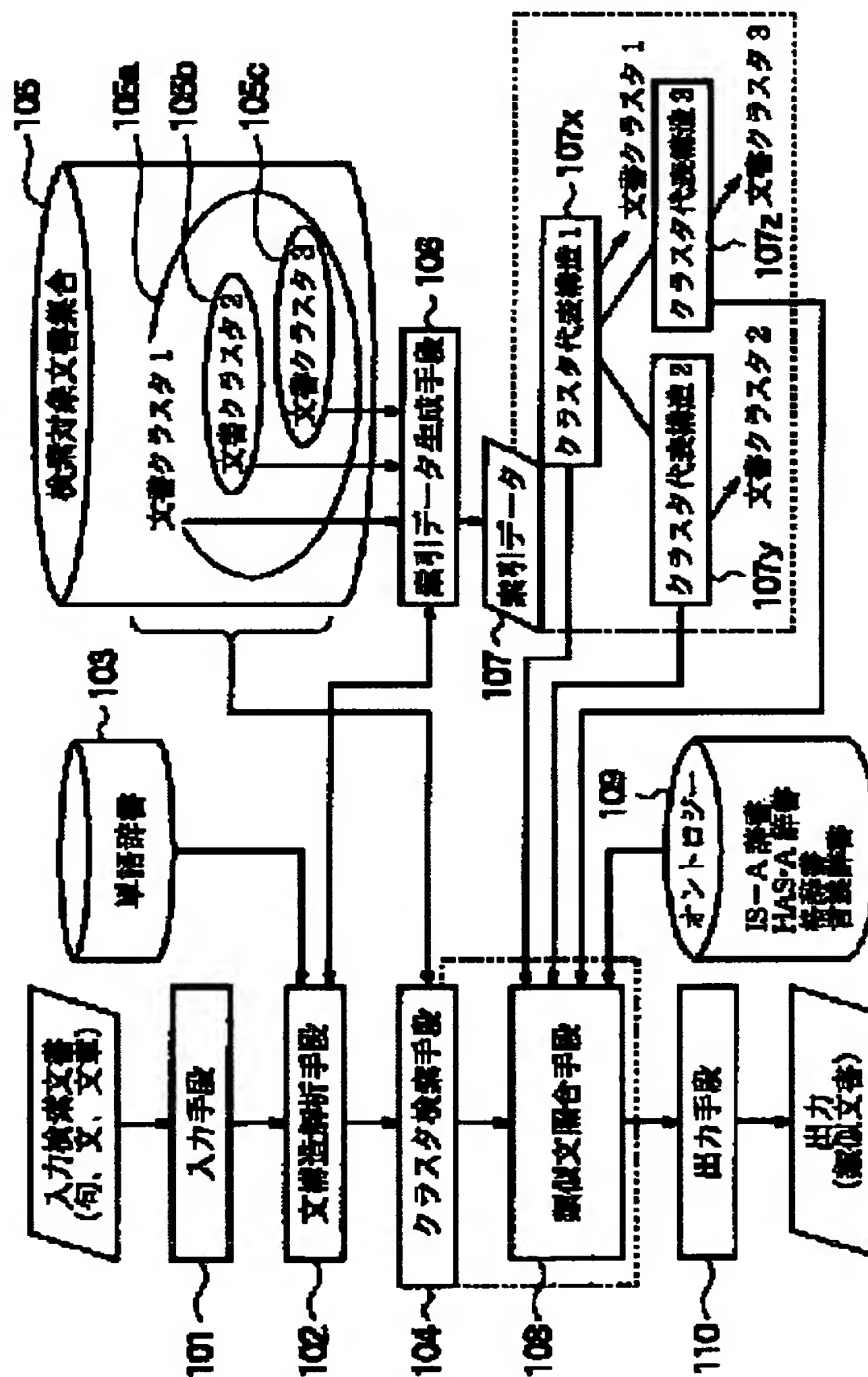
(74) Representative:

(54) SYSTEM AND
METHOD FOR
RETRIEVING SIMILAR
DOCUMENT AND
COMPUTER-READABLE
RECORDING MEDIUM
WITH SIMILAR
DOCUMENT RETRIEVAL
PROGRAM RECORDED
THEREON

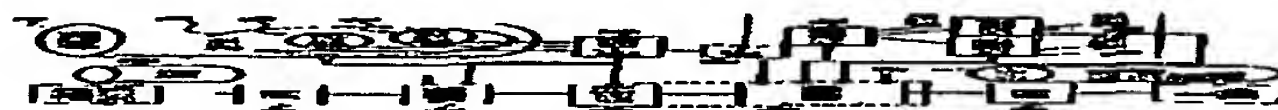
(57) Abstract:

PROBLEM TO BE SOLVED: To perform similar document retrieval while taking a statement structure into consideration, even when a large scale document set is defined as a retrieval object.

SOLUTION: This system is provided with an inputting means 101 for inputting a retrieval statement, a statement structure analyzing means 102 which refers to a word dictionary 103 and analyzes the structure of an input retrieval statement, a document database 105 in which a clustered document is stored, a similar statement collating means 108 which refers to an ontology 109 and calculates similarity between analysis results of the input retrieval statement and cluster structure information used



as an index, when retrieving a document included in a cluster of the document database, and a cluster retrieving means 104, which retrieves cluster structure information being most similar to the input retrieval statement, on the basis of the similarity calculated by the means 108 and retrieves a similar document from the clustered document in the document database which is made to correspond to the cluster structure information.



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